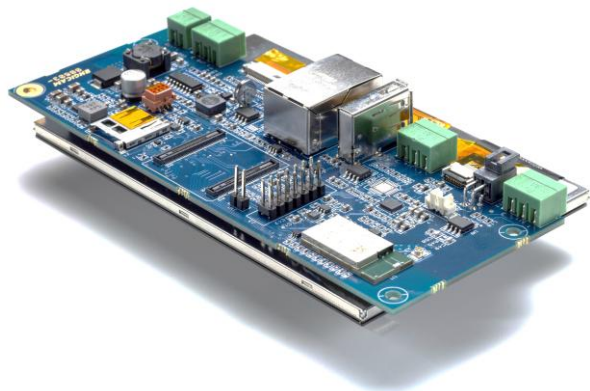


Carrier board based on MicroSOM standard with an extensive set of peripherals for a wide variety of applications.



SUPPORTED SOMS

- uGEA STM32MP2
- uGEA STM32 MPI3/I5
- uGEA MX8 ULP
- uGEA MX93
- uGEA MX91
- uGEA MX6UL/ULL

APPLICATIONS



FEATURES



	VIDEO INTERFACE	• Size 5.0 inch • 24 bit R.G.B. • Capacitive touch panel via I²C • 1x PWM for backlight control
	GRAPHICS	• Capacitive multi-touch display 800x480, 5:3 • Brightness 400 cd/m² • Operating temperature range -30, +80 °C
	AUDIO	• HP Output Jack or Nanofit connector interface
	USB	• USB 2.0 HOST
	OPERATING SYSTEM	Linux Yocto
	OPERATING TEMPERATURE *	Industrial qualified

	NETWORKING	• 1x 10/100 Ethernet Interface • WiFi+ BT
	POWER SUPPLY	+ 10 - 30 VDC
	PERIPHERAL INTERFACES	• micro SD • CAN bus • RS485 • RS232 • RS232 for OS Console • Strip Connector: (UART, GPIOs, USB 2.0, SPI, Auxiliary +3,3V and +5V power supply)
	DIMENSIONS	140 x 55 mm

* Valid for all components except CPU. Customer shall consider junction temperature for CPU. Temperature will widely depend on application. Specific cooling solutions could be necessary for the final system.

CABLE MAP

